

Aviation High Speed Motor - Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Aviation High Speed Motor Market is accounted for \$2.14 billion in 2020 and is expected to reach \$3.74 billion by 2028 growing at a CAGR of 7.2% during the forecast period. Increasing deployment of unmanned aerial vehicles (UAV) for military operations and rising procurement of new aircrafts are the major factors propelling the market growth. However, fluctuating raw material price is hampering the market growth.

Speed of a motor is the magnitude of the rotational velocity of the motor shaft. In a motion application in aviation, speed of the motor dictates how fast the axis rotates and the number of complete revolutions per unit time. Therefore, high speed motors such as light-weight and high power density are strongly required for electric turbo blowers used in aircraft. A balance must be achieved between speed and torque, as motors typically generate less torque when run at higher speeds.

Based on application, the propulsion system segment is going to have a lucrative growth during the forecast period owing to its increasing demand in various power generating applications in an aircraft, such as AC generators, auxiliary power units (APU), ram air turbine pumps, and others. The growth of the segment is attributed to the growing number of commercial aircraft deliveries. This segment is also predicted to be the fastest-growing segment as well, owing to the increasing use of electric motors as engines in electric aircraft and UAVs.

By geography, Asia Pacific is going to have a lucrative growth during the forecast period due to the rising investments in the aviation sector by countries such as India, China, Japan, and others. The increasing procurement of new aircraft to expand fleets to meet the growing air passenger traffic is expected to drive the growth of the regional market.



Some of the key players profiled in the Aviation High Speed Motor Market include Allied Motion Technologies, ARC Systems Inc, EMRAX d.o.o, H3X Technologies Inc, MagniX, Meggitt PLC, MGM COMPRO, NEMA Ltd, Pipistrel, Safran Electrical & Power, Siemens, Windings Inc, and Xoar International LLC.

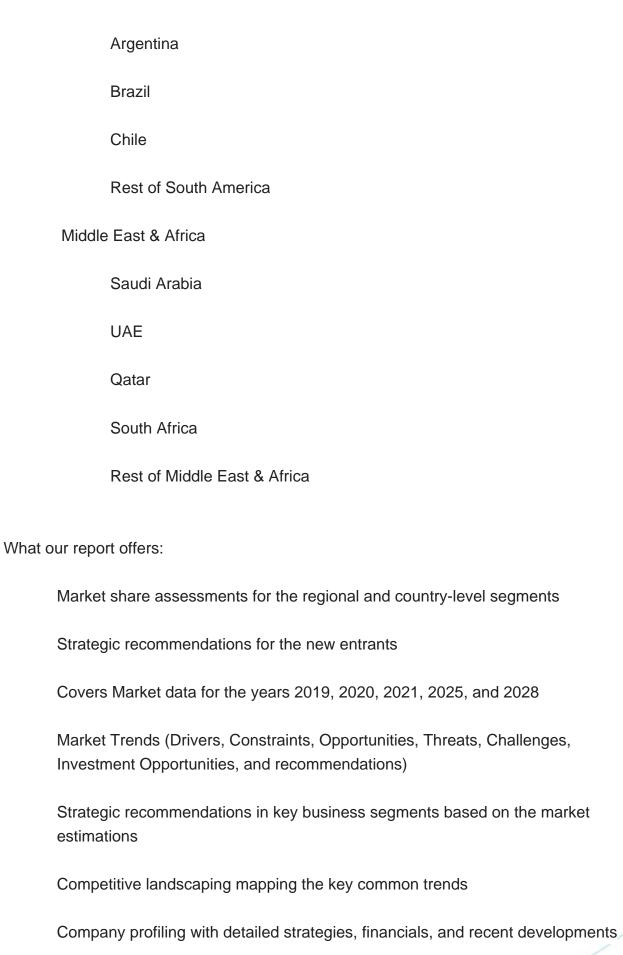
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Types Covered:		
Alte	ernating Current (AC) Motor	
Dire	ect Current (DC) Motor	
Platforms C	Covered:	
Bus	siness Aircraft	
Cor	mmercial Aircraft	
Ele	ectric Aircraft	
Ge	neral Aviation Aircraft	
Hel	licopters	
Uni	manned Aerial Vehicles	
Applications	Applications Covered:	
Flig	ght Control	
Fue	el Management System	
Pro	pulsion System	

Regions Covered:



North America			
	US		
	Canada		
	Mexico		
Europ	Europe		
	Germany		
	UK		
	Italy		
	France		
	Spain		
	Rest of Europe		
Asia Pacific			
	Japan		
	China		
	India		
	Australia		
	New Zealand		
	South Korea		
	Rest of Asia Pacific		







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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances



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